



Virginia Healthcare Workforce Briefs

Indicators from the Bureau of Labor Statistics'
Current Employment Statistics Survey
Series 2: Regional & Sectoral Employment

Series 2, Issue 117

December 2021

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Highlights

- ◆ Data in this series are not seasonally adjusted and exhibit short-term volatility from fluctuations in holidays, weekends, weather and other seasonal factors. Estimates for the most recent month are preliminary.
- ◆ Nearly all of this month's employment growth in Virginia's Health Care & Social Assistance (HC&SA) sector came from the Rest of Virginia, which created 3,100 HC&SA jobs in November. With this gain, the Rest of Virginia has increased HC&SA employment by 5,900 over the past three months. Hampton Roads also increased HC&SA employment with the addition of 400 new jobs in November. However, Northern Virginia and Richmond lost 500 and 200 HC&SA jobs, respectively, during the month.
- ◆ Every HC&SA subsector in the state increased employment in November. Nursing & Residential Care Facilities enjoyed the largest employment gain during the month with the creation of 900 new jobs. At the same time, Social Assistance experienced its fourth consecutive month of positive employment growth after creating 800 new jobs in November. Ambulatory Health Care Services also added 800 jobs in November, while Hospitals increased employment by 300 during the month.

Data in this report are not seasonally adjusted. Self-employed persons, including health professionals in private practice, are not included.

Data in Brief

Not Seasonally Adjusted*	Employment, in Thousands				Growth Rate, Annualized		
	Nov. 2020	Aug. 2021	Oct. 2021	Nov. 2021	12 Month	3 Month	1 Month
Virginia							
Total Nonfarm	3,915.0	3,923.4	3,980.8	4,009.9	2.4%	9.1%	9.1%
Health Care & Social Assistance	442.8	442.7	450.6	453.4	2.4%	10.0%	7.7%
Hampton Roads							
Total Nonfarm	764.6	764.7	766.1	770.1	0.7%	2.9%	6.4%
Health Care & Social Assistance	92.7	88.3	90.5	90.9	-1.9%	12.3%	5.4%
Northern Virginia							
Total Nonfarm	1,467.2	1,485.7	1,509.9	1,522.6	3.8%	10.3%	10.6%
Health Care & Social Assistance	133.0	136.7	139.1	138.6	4.2%	5.7%	-4.2%
Richmond							
Total Nonfarm	657.5	652.4	653.0	655.6	-0.3%	2.0%	4.9%
Health Care & Social Assistance	83.9	83.8	84.3	84.1	0.2%	1.4%	-2.8%
Rest of Virginia							
Total Nonfarm	1,025.7	1,020.6	1,051.8	1,061.6	3.5%	17.1%	11.8%
Health Care & Social Assistance	133.2	133.9	136.7	139.8	5.0%	18.8%	30.9%

Preliminary estimates are italicized

*Seasonally adjusted data are adjusted by the Bureau of Labor Statistics to account for weather and other seasonal changes. Since the U.S. Bureau of Labor Statistics does not provide seasonally adjusted data at this level, this series uses **non**-seasonally adjusted data exclusively. Seasonal variation may account for some of the variation in time series data. When comparing data in this series to other HWDC series or other publications it is important to note whether the data reported have been seasonally adjusted.

Regional HC&SA Employment Growth, Level

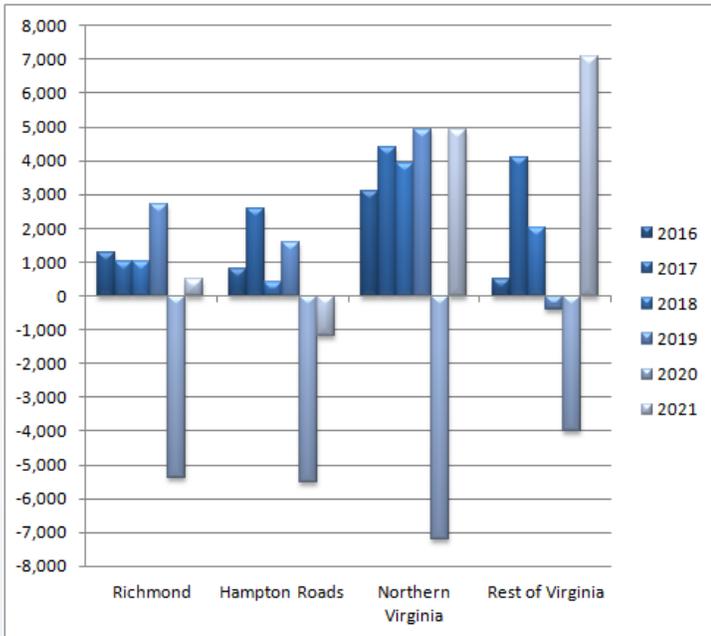


Figure 1: Annual & YTD Change in HC&SA Regional Employment (Not Seasonally Adjusted, Full-Year Change for 2016-2020, Year-to-Date Change for 2021).

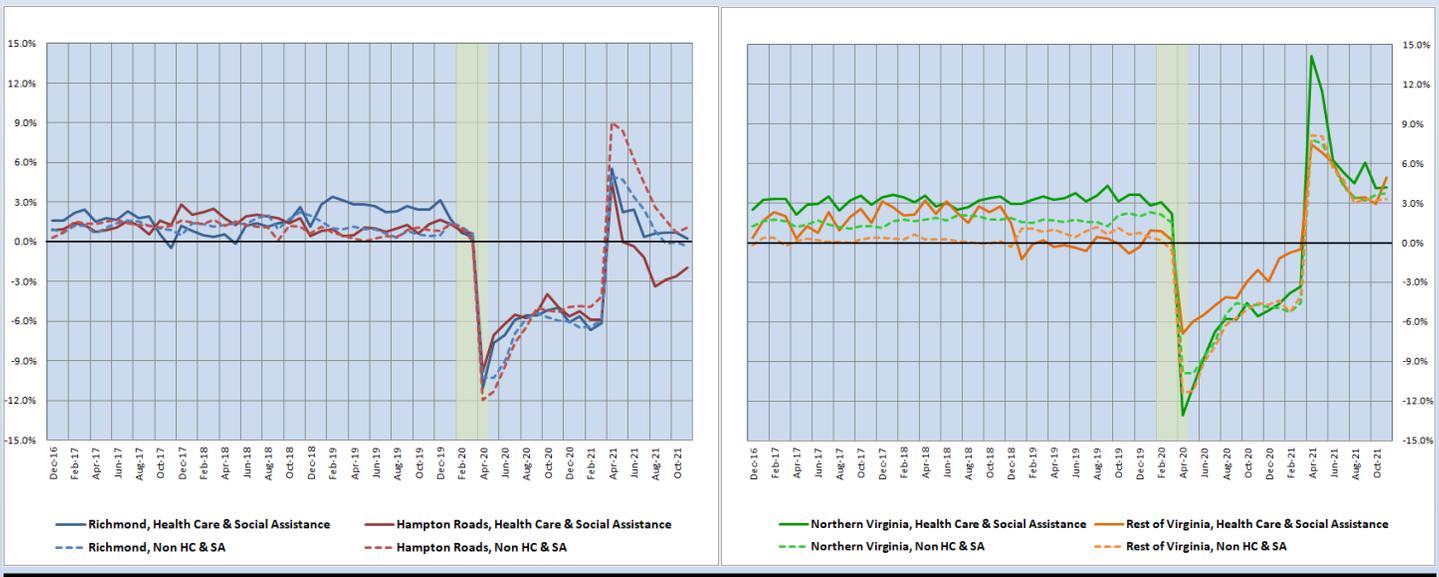
According to the preliminary data released on Friday, December 17, 2021, by the U.S. Department of Labor, Bureau of Labor Statistics, the Rest of Virginia was responsible for nearly all of this month’s Health Care & Social Assistance (HC&SA) employment growth in the state. In fact, the Rest of Virginia enjoyed its largest monthly employment gain in well over one decade after creating 3,100 new HC&SA jobs in November. This gain represents a one-month annualized employment growth rate of 30.9%. With this increase, the Rest of Virginia has enjoyed three consecutive months of very strong HC&SA employment growth. In total, HC&SA employment in the Rest of Virginia has increased by 5,900 since September.

Hampton Roads was the only other region in the state that increased HC&SA employment. In November, this region added 400 HC&SA jobs, which translates into a 5.4% annualized employment growth rate. On the other hand, Northern Virginia’s HC&SA sector lost 500 jobs in November, while Richmond lost 200 HC&SA jobs during the month.

Year-Over-Year Regional Employment Growth

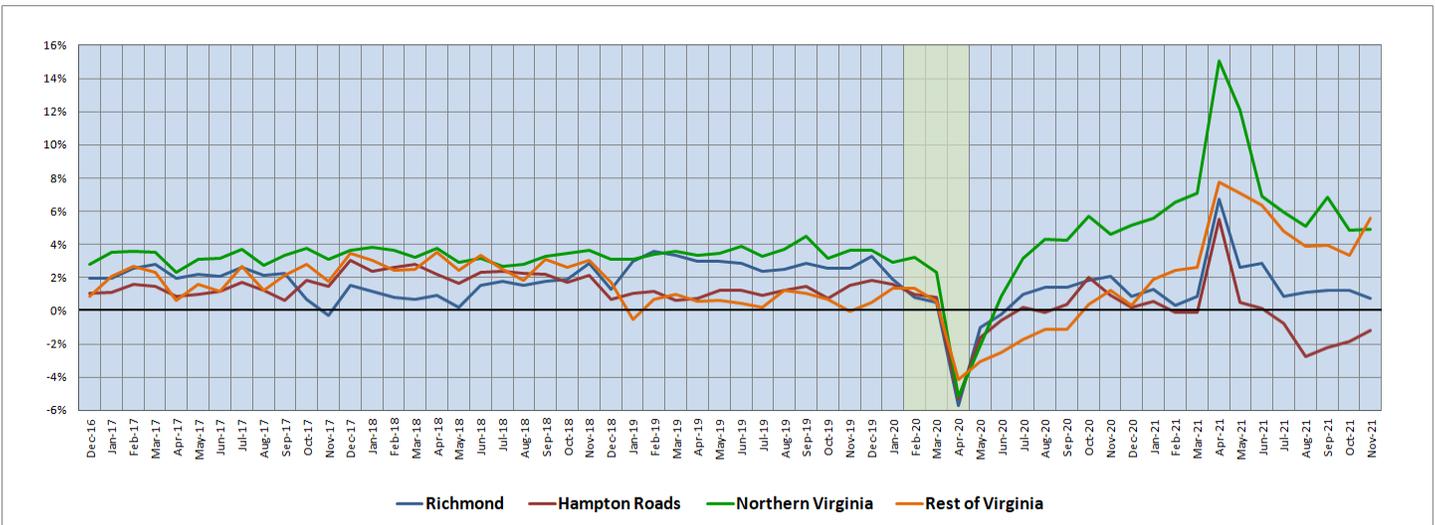
The Rest of Virginia experienced a significant increase to its year-over-year HC&SA employment growth rate, which rose from 2.94% to 4.95% in November. With this increase, the Rest of Virginia’s year-over-year HC&SA employment growth rate rose to its highest level since June. Meanwhile, Northern Virginia’s HC&SA sector experienced a more modest increase to its year-over-year employment growth rate from 4.12% to 4.21% during the month. Hampton Roads saw its own growth rate increase as well in November, but it remained firmly negative at -1.94%. As for Richmond, its year-over-year HC&SA employment growth rate fell from 0.72% to 0.24% in November.

Figure 2: Year-Over-Year Employment Growth (Not Seasonally Adjusted).



12-Month Average Employment Growth by Region

Figure 3: 12-Month Moving Average, HC&SA Regional Employment Growth Rate (Not Seasonally Adjusted).



For the first time in one-and-a-half years, Northern Virginia does not have the highest 12-month HC&SA employment growth rate moving average in the state. Although Northern Virginia’s 12-month HC&SA employment growth rate moving average did inch upward in November from 4.83% to 4.92%, it was still overtaken by the comparable moving average for the Rest of Virginia, which increased strongly from 3.33% to 5.59% during the month. Hampton Roads also experienced an increase to its 12-month HC&SA employment growth rate moving average from -1.87% to -1.20%. Richmond was the only region in the state that saw its 12-month HC&SA employment growth rate moving average decline. In November, Richmond’s moving average fell from 1.24% to 0.77%, thereby reaching its lowest value since March.

Subsector Employment Growth

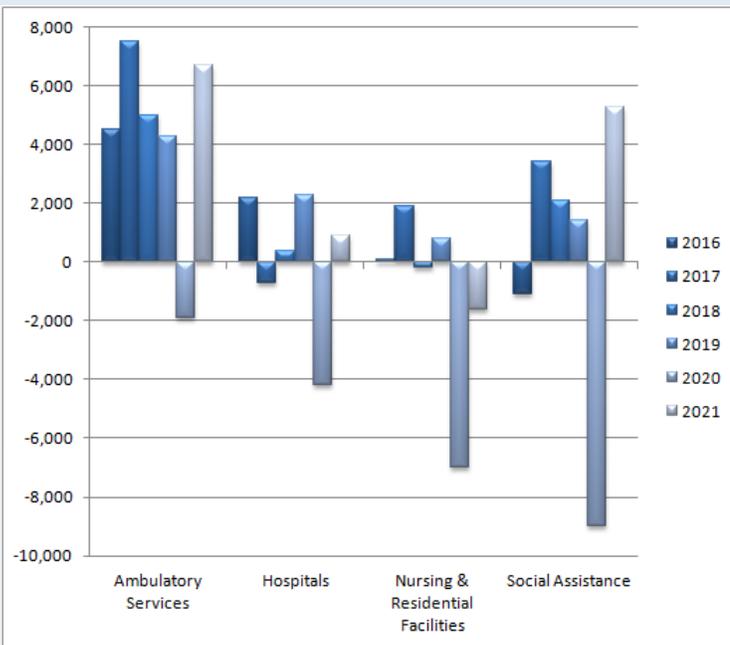


Figure 4: Annual & YTD Change in HC&SA Subsector Employment (Not Seasonally Adjusted, Full-Year Change for 2016-2020, Year-to-Date Change for 2021).

Whereas HC&SA employment growth was primarily concentrated in just one region in November, these gains were widely distributed across all four HC&SA subsectors during the month. For the first time since February, every HC&SA subsector in the state increased employment. The largest HC&SA employment gain in November occurred in Nursing & Residential Care Facilities. After adding 500 jobs in October, this HC&SA subsector enjoyed an even more impressive employment gain in November with the creation of 900 new jobs during the month.

Social Assistance and Ambulatory Health Care Services each added 800 jobs to the state’s economy in November. This continues a recent trend of robust employment growth in these two HC&SA subsectors. Social Assistance has increased employment in each of the past four months, while Ambulatory Health Care Services has enjoyed three consecutive months of positive employment growth. As for Hospitals, this HC&SA subsector created 300 new jobs during the month.

Distribution of Growth by Subsector

Not Seasonally Adjusted	Employment, in Thousands				Growth Rate, Annualized		
	Nov. 2020	Aug. 2021	Oct. 2021	Nov. 2021	12 Month	3 Month	1 Month
Virginia							
Health Care & Social Assistance	442.8	442.7	450.6	453.4	2.4%	10.0%	7.7%
<i>Ambulatory Health Care Services</i>	191.0	191.2	197.0	197.8	3.6%	14.5%	5.0%
<i>Hospitals</i>	104.2	105.2	104.8	105.1	0.9%	-0.4%	3.5%
<i>Nursing & Residential Care Facilities</i>	71.7	69.8	69.3	70.2	-2.1%	2.3%	16.7%
<i>Social Assistance</i>	75.9	76.5	79.5	80.3	5.8%	21.4%	12.8%
Hampton Roads							
Health Care & Social Assistance	92.7	88.3	90.5	90.9	-1.9%	12.3%	5.4%
<i>Hospitals</i>	21.3	21.4	21.5	21.6	1.4%	3.8%	5.7%
Northern Virginia							
Health Care & Social Assistance	133.0	136.7	139.1	138.6	4.2%	5.7%	-4.2%
<i>Ambulatory Health Care Services</i>	67.0	68.5	71.5	71.0	6.0%	15.4%	-8.1%
<i>Hospitals</i>	25.9	26.3	26.4	26.4	1.9%	1.5%	0.0%

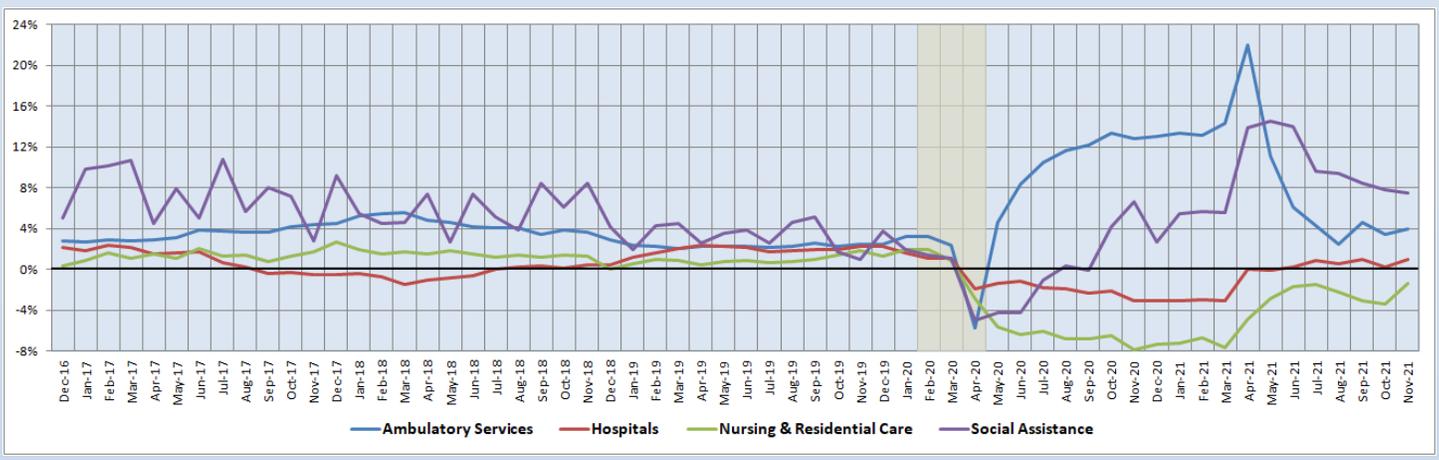
Preliminary estimates are italicized

Both Nursing & Residential Care Facilities and Social Assistance enjoyed double-digit annualized employment growth in November. Nursing & Residential Care Facilities increased employment at a 16.7% annualized rate in November, while Social Assistance created jobs at a 12.8% annualized rate during the month. Social Assistance has grown employment at an even faster 21.4% annualized rate over the past three months, while its 12-month employment growth rate of 5.8% is more than double the comparable 2.4% average for Virginia’s HC&SA sector as a whole. Ambulatory Health Care Services are also enjoying strong three- and 12-month annualized employment growth rates of 14.5% and 3.6%, respectively.

12-Month Average Employment Growth by Subsector

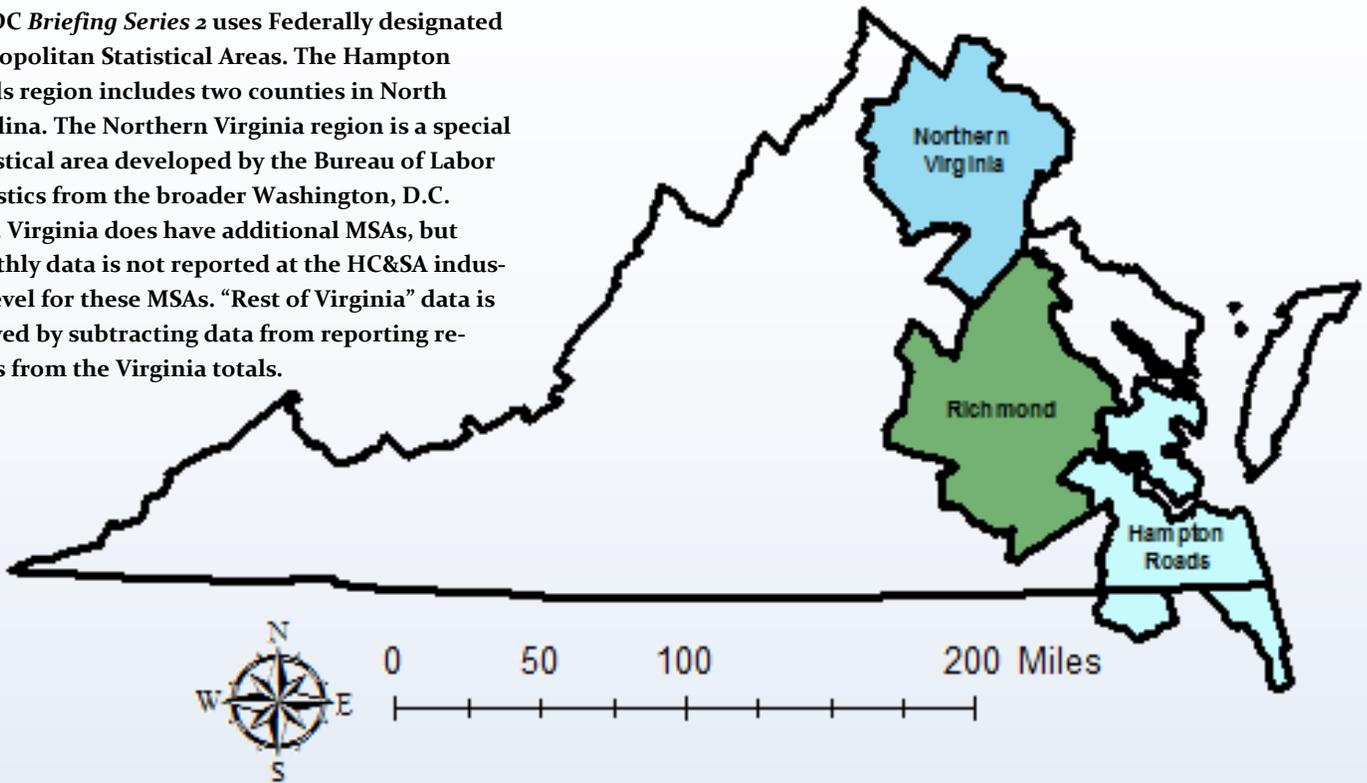
Despite creating 800 new jobs in November, Social Assistance saw its 12-month employment growth rate moving average fall from 7.85% to 7.47%, thereby continuing a downward trend that began back in May. Regardless, Social Assistance continues to enjoy the highest 12-month employment growth rate moving average in the state. Ambulatory Health Care Services experienced an increase to its 12-month employment growth rate moving average from 3.46% to 3.98%, while the comparable moving average for Hospitals increased from 0.22% to 0.97%. Finally, Nursing & Residential Care Facilities saw its 12-month employment growth rate moving average increase from -3.37% to -1.31% in November.

Figure 5: 12-Month Moving Average, HC&SA Subsector Employment Growth Rate (Not Seasonally Adjusted).



Region Map

HWDC *Briefing Series 2* uses Federally designated Metropolitan Statistical Areas. The Hampton Roads region includes two counties in North Carolina. The Northern Virginia region is a special statistical area developed by the Bureau of Labor Statistics from the broader Washington, D.C. MSA. Virginia does have additional MSAs, but monthly data is not reported at the HC&SA industry level for these MSAs. “Rest of Virginia” data is derived by subtracting data from reporting regions from the Virginia totals.



Region Detail

Northern Virginia		Richmond		Hampton Roads	
<i>Northern VA, (Non-standard CES Area 94783)</i>		<i>Richmond, VA (MSA 40060)</i>		<i>Virginia Beach-Norfolk-Newport News, VA-NC (MSA 47260)</i>	
Counties:	Cities:	Counties:	Cities:	Counties:	Cities:
Arlington	Alexandria	Amelia	Colonial Heights	Gloucester	Chesapeake
Clarke	Fairfax	Caroline	Hopewell	Isle of Wight	Hampton
Culpeper	Falls Church	Charles City	Petersburg	James City	Newport News
Fairfax	Fredericksburg	Chesterfield	Richmond	Mathews	Norfolk
Fauquier	Manassas	Dinwiddie		Surry	Poquoson
Loudoun	Manassas Park	Goochland		York	Portsmouth
Prince William		Hanover			Suffolk
Rappahannock		Henrico		<i>Currituck, NC</i>	Virginia Beach
Spotsylvania		King William		<i>Gates, NC</i>	Williamsburg
Stafford		New Kent			
Warren		Powhatan			
		Prince George			
		Sussex			

Healthcare Workforce
Data Center

Perimeter Center
9960 Mayland Drive, Suite 300
Henrico, VA 23233-1463

Phone: (804) 597-4213
Fax: (804) 527-4434
E-mail: hwdc@dhp.virginia.gov
Website: www.dhp.virginia.gov/PublicResources/HealthcareWorkforceDataCenter/

HWDC Staff:

Elizabeth Carter, PhD <i>Executive Director</i>	Yetty Shobo, PhD <i>Deputy Director</i>
Rajana Siva, MBA <i>Data Analyst</i>	Christopher Coyle <i>Research Assistant</i>

The Department of Health Professions Healthcare Workforce Data Center works to improve the data collection and measurement of Virginia's healthcare workforce through regular assessment of workforce supply and demand issues among the 80 professions and 350,000 practitioners licensed in Virginia by DHP.

The HWDC collects data on Virginia's licensed health professionals through surveys completed during the online license renewal and application process. Survey results and data may be accessed on our website: www.dhp.virginia.gov/PublicResources/HealthcareWorkforceDataCenter/.

The HWDC also provides a series of Virginia Healthcare Workforce Briefs based data collected by the U.S. Department of Labor's Bureau of Labor Statistics and the U.S. Department of Commerce' Bureau of Economic Analysis.

Virginia Healthcare Workforce Briefs:

Series 1: State & National Employment (Monthly)

Series 2: Virginia Regional Employment (Monthly)

Series 3: Income & Compensation (Quarterly)

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About the Data

Data in this report are from the U.S. Department of Labor Bureau of Labor Statistics' Current Employment Statistics program. The CES program surveys about 143,000 businesses and government agencies monthly. Unless otherwise noted, this series uses data that are not seasonally adjusted. Seasonal variations related to weather, holidays, weekends, seasons and other predictable variations are apparent in the data. Short-term changes may be related to seasonal changes rather than underlying trends. Data from recent months is preliminary and subject to revision in future releases from the CES. Revisions will be reported in future editions of this series. Unless otherwise noted, the CES data presented in this series:

Includes:

- ◆ Data on employed individuals drawing a paycheck (payroll employees).
- ◆ All employees, regardless of role, occupation or hours worked.
- ◆ HC&SA employees in the private sector only.
- ◆ Persons employed by health professionals in private practice.
- ◆ Both government and private sector workers in nonfarm employment data.

Does not include:

- ◆ Self-employed workers or volunteers, including health professionals in private practice.
- ◆ HC&SA employees in the public sector. (These are counted as government workers in monthly reports).
- ◆ Information on hours worked or the quality of employment.
- ◆ Government workers in HC&SA level data. (Government workers, regardless of occupation and role, are classified as public sector employees).